comnet
Communication Networks

ComNet Fiber Optic and Ethernet Transmission Equipment is setting the standard for value and performance. ComNet is a major provider of video, audio and data transmission, and network communication solutions for the security market.

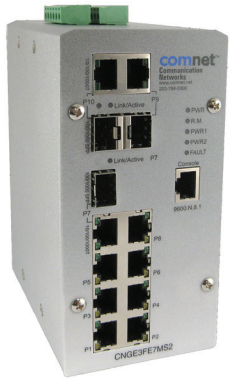
Currently the product line is focused on two different forms of fiber optic transmission. First is the traditional point-to-point fiber optic method of transmitting video, audio and data over multimode or single mode fiber optic cables. The second method is Fiber Optic Ethernet. All ComNet products are designed for use in tough industrial environments.

comnet Communication Networks

ComNet™ Managed Ethernet Switches

- The GE3FE7MS2 features three selectable SFP 1000Mbps ports and 7 10/100Mbps TX ports
- The GE8FX4TX4MS features 1000Mbps user selectable SFP ports as well as 4 10/100/1000 Mbps TX ports
- The GE2FE8MSPOE features three selectable SFP 1000Mbps ports and 7 10/100Mbps TX ports that support the IEE 802.3af Power over Ethernet standard
- Hardened units are designed for use in out-of-plant or roadside operating environments
- Available for use with either conventional CAT-5e copper or optical transmission media
- Available for use with multimode or single mode optical fiber
- Utilize SFP modules for distance and connector type flexibility
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

JENNE PART NUMBER:
CNGE3FE7MS2
CNGE2FE8MSPOE
CNGE8FX4TX4MS



CNGE3FE7MS2

ComNet™ High Port Count Managed Ethernet Switches

- Managed Ethernet Switches provides transmission of (24) 10/100 BASE-TX and (2) 10/100/1000TX or 1000FX combo ports
- Environmentally hardened units are designed for deployment in difficult operating environments
- For use with either conventional CAT-5e copper or optical transmission media
- The CNGE2FE24MSPoE features 24 ports that support IEEE.802.3af based POE
- 2 ports are 10/100/1000 configurable for copper or fiber media for use with multimode or single mode optical fiber, selected by optional SFP modules
- GE2FE24MS offers the same port counts, but without the PoE function
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

JENNE PART NUMBER:
CNGE2FE24MSPoE
CNGE2FE24MS

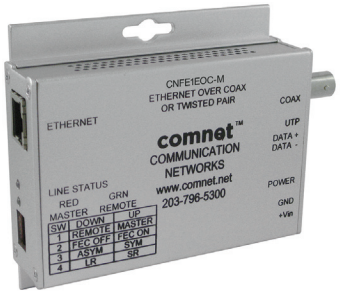
CNGE2FE24MSPoE

ComNet™ Ethernet over Copper Products

The ComNet Ethernet over Copper product line is a suite of environmentally hardened modems that support Ethernet over twisted pair or coaxial cable using VDSL (EoVDSL) technology at data rates of up to 90 Mbps.

- Small-size single model CNFE1CL1MCM, full-size single model CNFE1CL1MC and dual model CNFE2CL2MC
- Economical unhardened version CNFE1EOC
- Uses a telephone-grade twisted copper pair, legacy serial cabling, or standard 75 ohm coaxial cable circuits
- Ideal for those applications where an existing installed base of copper wiring for Ethernet transmission is available
- Automatically selects fastest data rates, depending upon the transmission distance and cable quality.
- Distances of up to 3 km over twisted copper, or up to 1500 ft (457 m) over coaxial cable
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

JENNE PART NUMBER:
CNFE1CL1MC
CNFE1CL1MCM
CNFE2CL2MC
CNFE1EOC



CNFE1EOC

ComNet™ Ethernet Media Converters

ComNet media converters are available with either fixed SC and ST optical connectors or with user-selectable SFPs. ComNet offers both 100 BASE-FX Optical to 10/100 Base-TX copper media converters and 1000 BASE-FX optical to 1000 Base-TX copper media converters. ComNet media converters are available in a small packag size as well as a standard size that is interchangeable between standalone and the ComNet card cage. All ComNet media converters are hardened for use in the toughest industrial environments. LED indicators confirm operating status. All ComNet media converters feature the exclusive ComNet Lifetime Warranty.

JENNE PART NUMBER:
CNFE1002M1A/B
CNFE1003M2
CNFE2MC
CNFE22MC
CNGE2MCM
CNGE2MC
CNGE22MC

CNFE100(X)

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ComNet™ Ethernet Media Converters with PoE

The ComNet™ CNFE2MCPOE Ethernet 2 port media converter is designed to transmit and receive 10/100 Mbps data over optical fiber through user selectable SFP modules. These models require the ordering of sold-separately interchangeable SFP modules for fiber type, distance and connectors. The CNFE2MCPOE transmits and receives a single channel of Ethernet data. It also supports IEEE 802.3at as Power Sourcing Equipment (PSE) with up to 25 Watts @ 48VDC. The electrical interface will Auto-Negotiate to a 10 Mbps, or 100 Mbps Ethernet rate without any adjustments.

JENNE PART NUMBER:
CNFE2MCPOE

CNFE2MCPOE

ComNet™ Unmanaged Ethernet Switches

ComNet Ethernet switches are either four or 8 port devices that can be used as an aggregation device in order to insert Ethernet data on to the network. These devices are unmanaged switches. They are available in 4 or 8-port designs as well as fast Ethernet or Gigabit Ethernet models. ComNet offers all copper, (RJ-45), a combination of optical and copper and all optical. All ComNet Ethernet switches require the use of user-selectable SFPs for increased flexibility in application. All ComNet Ethernet switches are hardened for use in the toughest industrial environments. LED indicators confirm operating status. All ComNet Ethernet switches feature the exclusive ComNet Lifetime Warranty.

JENNE PART NUMBER:
CNFE4FX4
CNFE4FX2TX2
CNFE4TX4
CNGE4US
CNFE8FX8
CNFE8FX4TX4
CNFE8TX8
CNGE8US

CNGE4US

CNFE4FX4

ComNet™ Small Form Factor Pluggable Modules (SFP)

The ComNet line of 30 SFP modules expands the flexibility of the entire ComNet Ethernet product line. ComNet SFPs come in a variety of media types; copper, multimode and single mode optical fiber. They are available in distances up to 120 km and with SC and LC fiber connectors. ComNet SFPs are used in ComNet managed and unmanaged switches as well as media converters. Using ComNet SFPs ensures that the ComNet Lifetime Warranty stays in effect with all ComNet Ethernet Products.

JENNE PART NUMBER:
SFP1 through **SFP31**

SFP Pluggable Modules

ComNet Video, Data and Ethernet Fiber Optic Transmission Products

The ComNet™ FVT/FVR10D1E series video transmitter/ receiver and data transceiver and the FVT10D1EM mini transmitter transmit and receive short haul quality 10-bit EIA RS-250C digital video with one bi-directional data channel plus one 10/100 Mbps fast Ethernet port. The modules are universally compatible with major CCTV camera manufacturers and supports RS232, RS422 and 2 or 4-wire RS485 data interfaces and most data protocols. It also supports “up-the-coax” data transmission from most major manufacturers.

JENNE PART NUMBER:
FVT10D1EM
FVT10D1E
FVR10D1E

FVT/FVR10D1E Series

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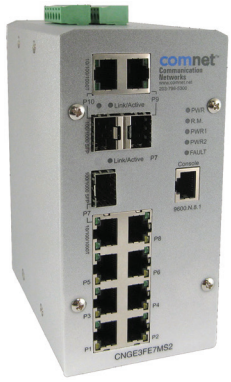
ComNet™ Managed Ethernet Switches

- The GE3FE7MS2 features three selectable SFP 1000Mbps ports and 7 10/100Mbps TX ports
- The GE8FX4TX4MS features 1000Mbps user selectable SFP ports as well as 4 10/100/1000 Mbps TX ports
- The GE2FE8MSPOE features three selectable SFP 1000Mbps ports and 7 10/100Mbps TX ports that support the IEE 802.3af Power over Ethernet standard
- Hardened units are designed for use in out-of-plant or roadside operating environments
- Available for use with either conventional CAT-5e copper or optical transmission media
- Available for use with multimode or single mode optical fiber
- Utilize SFP modules for distance and connector type flexibility
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

JENNE PART NUMBER:
CNGE3FE7MS2
CNGE2FE8MSPOE
CNGE8FX4TX4MS



CNGE3FE7MS2

ComNet™ High Port Count Managed Ethernet Switches

- Managed Ethernet Switches provides transmission of (24) 10/100 BASE-TX and (2) 10/100/1000TX or 1000FX combo ports
- Environmentally hardened units are designed for deployment in difficult operating environments
- For use with either conventional CAT-5e copper or optical transmission media
- The CNGE2FE24MSPoE features 24 ports that support IEEE.802.3af based POE
- 2 ports are 10/100/1000 configurable for copper or fiber media for use with multimode or single mode optical fiber, selected by optional SFP modules
- GE2FE24MS offers the same port counts, but without the PoE function
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JENNE PART NUMBER:
CNGE2FE24MSPoE
CNGE2FE24MS

CNGE2FE24MSPoE

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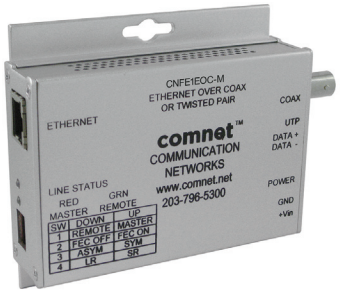
The ComNet Ethernet over Copper product line is a suite of environmentally hardened modems that support Ethernet over twisted pair or coaxial cable using VDSL (EoVDSL) technology at data rates of up to 90 Mbps.

- Small-size single model CNFE1CL1MCM, full-size single model CNFE1CL1MC and dual model CNFE2CL2MC
- Economical unhardened version CNFE1EOC
- Uses a telephone-grade twisted copper pair, legacy serial cabling, or standard 75 ohm coaxial cable circuits
- Ideal for those applications where an existing installed base of copper wiring for Ethernet transmission is available
- Automatically selects fastest data rates, depending upon the transmission distance and cable quality.
- Distances of up to 3 km over twisted copper, or up to 1500 ft (457 m) over coaxial cable
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

JENNE PART NUMBER:
CNFE1CL1MC
CNFE1CL1MCM
CNFE2CL2MC
CNFE1EOC



CNFE1EOC

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CNFE1002M1A/B
CNFE1003M2
CNFE2MC
CNFE22MC
CNGE2MCM
CNGE2MC
CNGE22MC

CNFE100(X)

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comnet Communication Networks

Ethernet Solutions

ComNet™ Ethernet Media Converters with PoE

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JENNE PART NUMBER:
CNFE2MCPOE

CNFE2MCPOE

ComNet™ Unmanaged Ethernet Switches

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CNFE4FX4
CNFE4FX2TX2
CNFE4TX4
CNGE4US
CNFE8FX8
CNFE8FX4TX4
CNFE8TX8
CNGE8US

CNGE4US

CNFE4FX4

ComNet™ Small Form Factor Pluggable Modules (SFP)

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JENNE PART NUMBER:
SFP1 through **SFP31**

SFP Pluggable Modules

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FVT10D1EM
FVT10D1E
FVR10D1E

FVT/FVR10D1E Series

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- Available for use with multimode or single mode optical fiber
- Utilize SFP modules for distance and connector type flexibility
- All ComNet products come with a Lifetime Warranty when used with ComNet SFPs

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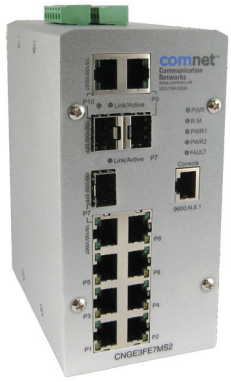

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CNFE2CL2MC
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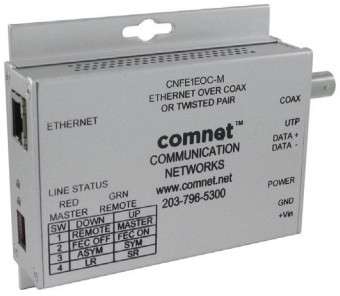

CNFE1EOC

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CNFE2MCPOE

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CNFE8FX8
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CNFE8TX8
CNGE8US

CNGE4US

CNFE4FX4

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JENNE PART NUMBER:
FVT10D1EM
FVT10D1E
FVR10D1E

FVT/FVR10D1E Series